

From: [Daniel Johnson](#)
To: [Harrington, Dwayne](#); [Lucarino, Kelli](#); [Norrell, Neil](#)
Subject: FW: Engineering report.
Date: Monday, July 18, 2016 4:40:22 PM

FYI

From: Tim Herbert [mailto:therbert@industrialrefrigserv.com]
Sent: Monday, July 18, 2016 4:37 PM
To: Daniel Johnson <djohnson@gesoncall.com>
Cc: Peter Johnson <pjohnson@gesoncall.com>; Jay Robertson <jrobertson@gesoncall.com>
Subject: RE: Engineering report.

Dan,

We do agree with Mr. Piho findings in reference to code and there are many items need of attention.

When we toured the third floor cold storage we were transported in a freight elevator. We did not notice another means of escape in the event of an emergency. With that said, we recommend any attempt to remove the frost and ice buildup by manual means be performed after the ammonia charge has been removed. The basement cold storage has limited access also creating a dangerous work environment.

We also agree that a mechanical integrity inspection be performed ASAP. In our visual inspection of the facility it was noted that the piping to the Ice bank coil was in very poor condition. There are some welds in question The condition of the joist in the original ice storage section are split and broken. These joist support one of the suction lines returning to the mechanical room. The insulation throughout the facility has been compromised, warranting removal and inspection of the piping below. It would be safer to perform all these task with the ammonia removed.

Tim Herbert

Industrial Refrigeration Service, Inc.

P. 410 686 8900

F. 410 686 0288

c. 443 392 0018

Shipping:

1116-K Middle River Road

Baltimore, MD. 21220

Mail:

Po Box 70019

Baltimore, MD. 21237

From: Daniel Johnson [mailto:djohnson@gesoncall.com]
Sent: Monday, July 18, 2016 1:37 PM

To: Tim Herbert <therbert@industrialrefrigserv.com>; 'John P. Fleck' <jpfarctic@verizon.net>
Cc: Peter Johnson <pjohnson@gesoncall.com>; Jay Robertson <jrobertson@gesoncall.com>
Subject: Engineering report.

Tim & John,

At the request of the USEPA I have attached two reports from PIHO Engineering. We are looking for you both to review the documents and determine that any of the recommendations from PIHO to refurbish the existing system can be accomplished without removing the Ammonia prior to any repairs being completed.

Thank You

Daniel Johnson
Response Manager
Guardian Environmental Services

Cell: (302) 518-1914
djohnson@gesoncall.com